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(54) METHOD FOR PROCESSING AMORPHOUS MATERIAL AND GLASS BASAL PLATE

(57)Abstract:

PROBLEM TO BE SOLVED: To form surface convex parts having uniform projection height at prescribed points of amorphous materials.

SOLUTION: A diamond-made indentation 2 is pushed on a surface of an inorganic glass 1 and applied pressure to form a compressed layer 4 with high density, and the glass plate 1 is immersed in an acid etching liquid containing hydrofluoric acid for the first etching treatment and further immersed in an alkaline etching liquid, e.g. potassium hydroxide, with pH 11 or more for removal of a modified layer 7 for the second etching treatment, and a fine convex part 5 is formed on the surface of the inorganic glass plate 1.

